

ABSTRACT

A vertical shaft driving device wherein a plurality of rotary blades (8a, 8b, 8c and 8d) each including a blade (10) supported on a planetary shaft are equally arranged circumferentially of a central shaft (12) and capable of orbital motion integrally with the central shaft (12), and wherein the rotary blades are arranged in a multipoint intersection form, in which blade faces of the blades (10) are obliquely disposed with respect to radial directions with a center at the central shaft (12). By arranging the blades (10) in the multipoint intersection form, it is possible to provide the vertical shaft driving device, in which air flows or water flows can be efficiently utilized to obtain a great output power.